



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO038607	ACI001-VC	1	1	Net 30	M2024T3S.032	2024-T3 .032 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf				240	12/4/2017	240		S018261	Stock	12/6/2017	\$ 4.50 / sf	0		\$1,080.00	Acier Ouellette Inc.
		2			M2024T3S.125	2024-T3 .125 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf				96		96		S018262	Stock	12/6/2017	\$ 17.35 / sf	0		\$1,666.00	Acier Ouellette Inc.
		3			M304S20GA	304/316 .040 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf				192	12/1/2017	192		S018263	Stock	12/6/2017	\$ 3.91 / sf	0		\$750.43	Acier Ouellette Inc.
		4			MT-H13-R2.500	AISI H13 Tool Steel Round Bar : MATERIAL: AISI H13 TOOL STEEL ROUND BAR AISI H13				6	12/6/2017	6		S018264	Stock	12/6/2017	\$ 57.50 / ft	0		\$345.00	Acier Ouellette Inc.
		6			M1018A.750W.125	M1018A.750W.125				20	12/1/2017	20		S018265	Stock	12/6/2017	\$ 0.50 / ft	0		\$9.91	Acier Ouellette Inc.
		7			M1018B0.500X01.000	1010-1025 Steel Bar .500 X 1.000 : MATERIAL: AISI 1010- 1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft				12		12		S018266	Stock	12/6/2017	\$ 1.80 / ft	0		\$21.60	Acier Ouellette Inc.
Total:										566		566								\$3,058.10	

Plex 12/6/2017 4:13 PM Dart Plouffe Sonia

DELIVERY - CLIENT

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

Date

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

1

Instruction	F-M	Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only		
						CMD	EXP	B/O	IN	I S C
1		ALU SHEET .032 (20G) 2024-T3 (4 X 12) FEAL-0324122024 3093 5 X 4' X 12' HEAT AC11760-SA-04/12	108.24	240.00	PT2_\$CLB		5x			
2		ALU SHEET 1/8 2024-T3 RANDOM NS FEAL-182024-V 8603 2 X 4' X 12' HEAT AC11760-SA-04/12	169.15	96.00	PT2_\$CLB		2x			
3		SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 6 X 4' X 8' HEAT	301.44	192.00	PT2_\$CLB		6x			

NIR : R-109516-6

Total Weight (Lbs) : 578.83

Conditions :

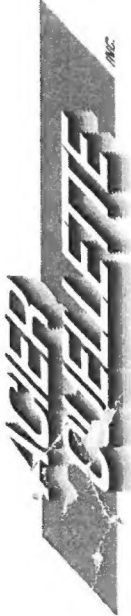
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By :	Verified By : AM	Delivered By :	Time

Customer's Signature

Date



DELIVERY - CLIENT

CO00064477

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

2017/11/29

2017/12/05

038507

Josianne Bourdon

OUELLETTE VALLEYFIELD

Net 30 Days

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page 1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 ROUND TOOL STEEL 2 1/2 H13 NS RH13-212 9576 1 X 6' HEAT AC11761-FU-04/12	102.00	6.00	PI \$CLB		1x 6					

Total Weight (Lbs) : 102.00 NIR : R-109516-6

Conditions : All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All test materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By :	Verified By :	Delivered By :	Time

Customer's Signature	Date

DELIVERY - CLIENT



ACIER OUELLETTE INC.

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 M l: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 M l: 514-336-4246 Ext.: 866-456-4242

Customer N  CLI0001056
Date 2017/11/29
Delivery date 2017/11/30
Your order N  038507
Processed by Jostanne Bourdon

Shipped to

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7
Ontario,
OUELLETTE VALLEYFIELD
Net 30 Days

Alt : CHANTAL LAVOIE T l.: 613-632-5200

Page 1

Instruction	F-M	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
						CMD	EXP	B/O	IN	I	S C
1		ANGLE 3/4 X 3/4 X 1/8 RANDOM A-343418-V 1141 1 X 20' HEAT	11.80	20.00	PL_\$CLB		1X	20			

Total Weight (lbs) : 11.80 NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By : SV	Verified By : N/A	Delivered By : VA	Time	Date 11/21/17
---------------------	----------------------	----------------------	------	------------------

Customer's Signature



Order - Sales

Copy

CO00064475

ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mt: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mt: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2017/11/29

Delivery date

2017/12/05

Your order N°

038507

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page 1

Shipped to

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
1 ALU SHEET .032 (20G) 2024-T3 (4 X 12) FEAL-0324122024 3093 5 X 4' X 12' HEAT: 22382581 AC11760-SA-04/12	108.24	240.00	PI2_SCLB	5.00					OUT
2 ALU SHEET 1/8 2024-T3 RANDOM NS FEAL-182024-V 8603 2 X 4' X 12' HEAT: 23119482 AC11760-SA-04/12	169.15	96.00	PI2_SCLB	2.00					
3 SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 6 X 4' X 8' HEAT: 160629D02 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE	301.44	192.00	PI2_SCLB	6.00					
			\$	0.00					

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

CO00064475

Customer N° CLI0001056

Date 2017/11/29

Delivery date 2017/12/05 00:00

Your order N° 038507

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 2

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
									OUT

Total Weight (LBS) : 578.83

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All test materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Not 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : Verified By :

Delivered By : Time

Customer's Signature

Y M D

Total (\$CAD)

Deposit

Balance

3 955.43

0.00

3 955.43



Order - Sales

Copy

CO00064477

ACIER OUELLETTE INC.
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

2017/11/29

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

CLI0001056

2017/12/05

038507

Josianne Bourdon

OUELLETTE VALLEYFIELD

Net 30 Days

1

Shipped to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
1 ROUND TOOL STEEL 2 1/2 H13 NS RH13-212 9576 1 X 6' HEAT: 8817030347 AC11761-FU-04/12 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE	102.00	6.00	PI_SCLB	1.00					
			\$	0.00					

Total Weight (LBS) : 102.00 NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)
Deposit 394.31
Balance 0.00
394.31

Prepared By :	Verified By :	Delivered By :	Time	Customer's Signature	Y	M	D
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Order - Sales

CO00064482

Copy

ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

2017/11/29

Delivery date

2017/11/30

Your order N°

038507

Processed by

Josianne Bourdon

Salesman

OUELLETTE VALLEYFIELD

Carrier

Net 30 Days

Credit Terme

Page

1

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only			
				CMD	EXP	B/O	IN	I	S C
1 ANGLE 3/4 X 3/4 X 1/8 RANDOM A-343418-V 1141 1 X 20' HEAT 52074320/04	11.80	20.00	PL_SCLB	1.00					

Total Weight (LBS) : 11.80 NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document entered. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)
Deposit 11.20
Balance 0.00

Prepared By :	Verified By :	Delivered By :	Time	Customer's Signature	Y	M	D
---------------	---------------	----------------	------	----------------------	---	---	---



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 MB: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 MB: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy CO00064480

Customer N° CL10001056

Date 2017/11/29

Delivery date 2017/11/30

Your order N° 038507

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
1 FLAT CR 1/2 X 1 1018 RANDOM FCR-121-V 2693 1 X 12' R/L HEAT: 588829 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE	20.40	12.00	PL_SCLB	1.00					
			\$	0.00					

Total Weight (LBS) : 1 20.40

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All test materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: For 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the recoupment of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :	Verified By :	Delivered By :	Time	Customer's Signature	Y	M	D
---------------	---------------	----------------	------	----------------------	---	---	---

Total (\$CAD)
Deposit 28.88
Balance 0.00
28.88

**ACIER OUELLETTE INC.**

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 M l: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 M l: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0072963****Billed to**

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N 

CLI0001056

Date

2017/11/23

Revision N 

0

Prices valid until

2017/11/30

Your Order N **Processed by**

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FEUILLE 2024T3 .032 BARE N 5 X 4' X 12' 2-3 DAYS 2405F	0.00	5.00	UN	5.00	UN		5.00	216.000	1 080.00
FEUILLE 2024T3 1/8 BARE N 2 X 4' X 12' 2-3 DAYS 965F	0.00	2.00	UN	2.00	UN		2.00	833.000	1 666.00
SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 6 X 4' X 8' STOCK 1925F	301.44	192.00	PI2_\$CLB	6.00	UN		6.00	125.071	750.43
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95
4198 QT - R1250 X125F									

Total Weight (Lbs)

301.44

Important

This offer is based on availability and current pricing conditions that may be revised upon

presentation of the order or l' volution des prix de l'acier sur le march .

This offer is subject to credit approval and conditions of credit approval.

Approved and Accepted by :

Date :

Sub-total

3 500.38

TVH-13 - 455.05

Total (\$CAD)**3 955.43**



ACIER OUELLETTE INC.

935, Boul. du H vre
 Salaberry de Valleyfield (Qu bec) J6S 5L1
 T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0072836

Billed to

DART AEROSPACE LTD
 1270 , ABERDEEN ST.
 HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N  CLI0001056
Date 2017/11/23
Revision N  0
Prices valid until 2017/11/30
Your Order N 
Processed by BERNARD
Salesman JOSIANNE
Carrier OUELLE SDV
Credit Terms Net 30 Days
Page 1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
ROND H13 2 1/2" DIA N 1 X 6' 3-4 DAYS	0.00	1.00	UN	1.00	UN		1.00	345.000	345.00
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs) 0.00

Important

This offer is based on availability and current pricing conditions that may be revised upon presentation of the order or the evolution des prix de l'acier sur le march .
 This offer is subject to conditions of immediate approval of the credit.
 Approved and Accepted by : _____ Date : _____

Sub-total 348.95

TVH-13 · · 45.36

Total (\$CAD) 394.31

**ACIER OUELLETTE INC.**

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0072682****Billed to**

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N 

CLI0001056

Date

2017/11/22

Revision N 

0

Prices valid until

2017/11/29

Your Order N **Processed by**

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT CR 5/8 X 5 1018 RANDOM FCR-585-V 2957 1 X 12' R/L 2-3 DAYS	127.50	12.00	PI_\$CLB	12.00	PI		1.00	192.460	192.46
ROUND 7 1/2" DIA 1045 HR N 4 X 1.4" 3-4 DAYS	0.00	4.00	UN	4.00	UN		4.00	59.000	236.00
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs)

127.50

Important

This offer is based on availability and current pricing conditions that may be revised upon

preavis de l' volution des prix de l'acier sur le march .

Cette offre est soumise aux conditions de cr dit approuv .

Approved and Accepted by :

Date :

Sub-total

432.41

TVH-13 - 56.21

Total (\$CAD)**488.62**



ACIER OUELLETTE INC.

935, Boul. du H vre
 Salaberry de Valleyfield (Qu bec) J6S 5L1
 T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0072537

Billed to

DART AEROSPACE LTD
 1270 , ABERDEEN ST.
 HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N 

CLI0001056

Date

2017/11/22

Revision N 

0

Prices valid until

2017/11/29

Your Order N 

Processed by

BERNARD

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
ANGLE 3/4 X 3/4 X 1/8 RANDOM A-343418-V 1141 1 X 20' STOCK NOT AVAILABLE IN 1018	11.80	20.00	PI_\$CLB	20.00	PI		1.00	9.910	9.91
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs)

11.80

Important

This offer is based on availability and current pricing conditions that may be revised upon

pr sents de l' volution des prix de l'acier sur le march .

Cette offre est soumise aux conditions de cr dit approuv .

Approved and Accepted by :

Date :

Sub-total

13.86

TVH-13 * 1.80

Total (\$CAD)

15.66

**ACIER OUELLETTE INC.**

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0072846****Billed to**

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N  CLI0001056
Date 2017/11/23
Revision N  0
Prices valid until 2017/11/30
Your Order N 
Processed by BERNARD
Salesman JOSIANNE
Carrier OUELLE SDV
Credit Terms Net 30 Days
Page 1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT CR 1/2 X 1 1018 RANDOM FCR-121-V 2693 1 X 12' R/L STOCK	20.40	12.00	PI_\$CLB	12.00	PI		1.00	21.610	21.61
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs) 20.40

Important

This offer is based on availability and current pricing conditions that may be revised upon presentation of the evolution of the price of steel on the market.
This offer is subject to conditions of credit approval.
Approved and Accepted by : _____

Sub-total 25.56

TVH-13   3.32

Date : _____ **Total (\$CAD)** 28.88



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038507

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO038507
PO Date: 11/29/17
Due Date: 12/1/17
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

EMAILED
NOV 29 2017

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30

Freight Terms:

Special Comments: QUOTE #
SOU0072963,SOU0072836,SOU0073682,SOU0072537,SOU0072846

Items

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M2024T3S.032	-	2024-T3 .032 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf		Firmed	12/4/17	240 sf	0 sf	240 sf	\$4.50/sf	\$1,080.00
2	M2024T3S.125	-	2024-T3 .125 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf		Firmed	12/4/17	96 sf	0 sf	96 sf	\$17.354166/sf	\$1,666.00
3	M304S20GA	-	304/316 .040 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf		Firmed	12/1/17	192 sf	0 sf	192 sf	\$3.908495/sf	\$750.43
4	MT-H13-R2.500	-	AISI H13 Tool Steel Round Bar : MATERIAL: AISI H13 TOOL STEEL ROUND BAR AISI H13		Firmed	12/6/17	6 ft	0 ft	6 ft	\$57.50/ft	\$345.00
5	M1018R7.500	-	M1018R7.500 : MATERIAL: AISI 1018- 1025 ROUND BAR AS PER MIL-S-7097 OR ASTM A108 receive ft		Firmed	12/1/17	5.6 ft	0 ft	6 ft	\$42.14286/ft	\$236.00

Line Item Note 4 PCS CUT AT 1.4" LONG



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038507

Items

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	M1018A.750W.125	-	M1018A.750W.125		Firmed	12/1/17	20 ft	0 ft	20 ft	\$0.4955/ft	\$9.91
7	M1018B0.500X01.000		1010-1025 Steel Bar .500 X 1.000 : MATERIAL: AISI 1010- 1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft		Firmed	12/1/17	12 ft	0 ft	12 ft	\$1.80/ft	\$21.60

bft

SPR-126

Grand Total: \$4,108.94

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

CL

Plex 11/29/17 8:30 AM dart.lavoie.chantal



COLD FINISHED
FLAT BARS

Pol. Ind Basarte S/N
20720 Azkulla (Gipuzkoa)
Spain
www.nuevaincal.com
CIF/VAT: ESA48416350

Admin. y Finanzas / Accounts
Tel.: (+34) 943 857 311
(+34) 946 251 712
Fax: (+34) 943 857 312
nuevaincal@nuevaincal.com

Comercial
Tel.: (+34) 940 251 712
Fax: (+34) 946 254 828
mercado@nuevaincal.com

CERTIFICADO DE CALIDAD

Destinatario :
Material :

LES ACIERS TRANSBEC
COLD ROLL SAE 1018. ACCORDING TO ASTM A108

CERTIFICAMOS : Que el material suministrado con cargo a los pedidos de referencia y amparado por nuestro albarán N° EX/4.653 y Fra. N° FV17/151 corresponden a los análisis y fusiones siguientes de acuerdo con la norma EN 10204 / 2.2:

S/Pedidos N°	Composición Química de la colada									Caract. mecánicas laminado		
	MATERIAL	CALIDAD	COLADA	C. %	Mn. %	Si. %	S. %	P. %		Re N/mm2	Rm N/mm2	A %
MIP-46590	1-1/2 X 1-1/2		203779	0,18	0,79	0,20	0,017	0,019		330,00	500,00	32,00
MN-47069	1 X 1/2		588829	0,16	0,81	0,15	0,028	0,019		338,00	504,00	30,00
MN-47089	1 X 1/2		588829	0,16	0,81	0,15	0,028	0,019		338,00	504,00	30,00
MN-47089	1-1/4 X 1/2		51794	0,17	0,77	0,16	0,040	0,014		340,00	508,00	30,40
MN-47089	1-1/2 X 1/2		170510	0,15	0,72	0,22	0,007	0,014		327,35	456,39	26,45
MN-47089	2 X 1/4		170252	0,18	0,78	0,17	0,005	0,027		312,07	450,48	24,17
MN-47089	2 X 1/4		170534	0,19	0,82	0,20	0,007	0,015		303,92	445,08	23,07
MN-47089	2 X 3/8		170249	0,20	0,79	0,17	0,005	0,025		310,62	440,99	24,70
MN-47089	2-1/2 X 3/8		162035	0,16	0,72	0,15	0,004	0,014		325,00	458,13	24,95
OU-47028	1 X 1/2	EX 121	588829	0,16	0,81	0,15	0,028	0,019		338,00	504,00	30,00
PAJ-47733	3 X 1/4		170525	0,16	0,77	0,14	0,003	0,014		305,52	455,83	27,97
PAR-47755	1-1/2 X 1		170473	0,17	0,74	0,14	0,006	0,012		306,81	447,49	26,21
PAR-47755	2 X 1/2		170509	0,18	0,74	0,17	0,006	0,014		305,82	444,91	24,61
PAR-47755	2 X 1		170470	0,17	0,82	0,14	0,002	0,014		303,57	460,05	27,69
PAR-47755	2-1/2 X 1		162972	0,16	0,80	0,17	0,006	0,013		313,82	440,77	27,39
PAR-47755	4 X 1/4		203313	0,16	0,72	0,17	0,021	0,020		330,00	510,00	33,00

Gernika (SPAIN), 8 de Mayo de 2.017

Responsable de Calidad

COLD FINISHED
FLAT BARS

COLD FINISHED
FLAT BARS



CERTIFIED MATERIAL TEST REPORT

11-1607 4871d

Page 1/1

A-MI-CAMBRIDGE
40 ORION PLACE
CAMBRIDGE, ON N1T 1K9
Canada

CUSTOMER SUB TO		CUSTOMER BILL TO		GRADE	SHAPE / SIZE	DOCT. NO. 1
LES ACHERS TRANSSEC 1997 LTEE 22 J F KENNEDY BLVD SAINT-JEROME, QC J7Y 4B4 Canada		LES ACHERS TRANSSEC 1997 LTEE 4054 BOUL. LE CORBUSIER LAVAL, QC H7L 5R2 Canada		A36-4W	Angle / 3.4X3.4X18 253/3416	000C01873
SALES ORDER 4074769/000010		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 4.871 lb	HEAT TREAT 5207432013
CUSTOMER PURCHASE ORDER NUMBER J1460991		BILL OF LADING 1301-000025599		SPECIFICATION / DATE OF REVISION ASTM A36-14, A36-14 ASTM A709-15, AASHTO M270-12 CSA G40.20-13 G40.21-13		
DATE 09/07/2016						

CHEMICAL COMPOSITION							
C	Mn	P	S	Si	Cu	Ni	Cr
0.16	0.62	0.019	0.023	0.18	0.29	0.12	0.22
							0.064

MECHANICAL PROPERTIES							
Elong	GA inch	GA mm	YS ksi	YS MPa	UTS ksi	UTS MPa	YS ksi
24.00	8.000	200.0	79762	79762	550	58690	58690
26.00	8.000	200.0	79880	79880	551	58922	58922

MECHANICAL PROPERTIES							
YS MPa	YS ksi	UTS ksi	UTS MPa	ELONG %	ELONG mm	ELONG mm	ELONG mm
405	405	550	58690	24.00	8.000	200.0	200.0
406	406	551	58922	26.00	8.000	200.0	200.0

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. This material, including the billets, was melted and manufactured in Canada. CSIR complies with EN 10204 3.1

Maskey
QUALITY DIRECTOR

Howard Stiles
QUALITY ASSURANCE MGR.

00.64477
DHR

Chemical certification
Certification chimique

Order Num / No. Commande AC-11761	Vendor / Fournisseur 51	Country of origin / Pay d'origine CHINA	Date 05/22/17	Heat / coulée 8817030347	Material ID # / No. matière
Grade / Nuance H13	Conditions ANNEALED; EAF+LF+ESR				
Shape / Forme RD	Size / Dimension 2.500	Specifications ASTM A-681-08/ASTM-A-600-08			

Chemical composition / Analyse chimique				
	Carbon (C)	Silicon (Si)	Manganese (Mn)	Phosphorus (P)
Mini / maxi	0.3200 / 0.4500	0.8000 / 1.2500	0.2000 / 0.6000	0.0000 / 0.0300
Actuel %	0.380	1.060	0.400	0.024
	Sulphur (S)	Chromium (Cr)	Nickel (Ni)	Molybdenum (Mo)
Mini / maxi	0.0000 / 0.0300	4.7500 / 5.5000	0.0000 / 0.0000	1.1000 / 1.7500
Actuel %	0.008	5.120	0.000	1.280
	Cooper (Cu)	Vanadium (V)	Aluminum (Al)	Tungsten (W)
Mini / maxi	0.0000 / 0.0000	0.8000 / 1.2000	0.0000 / 0.0000	0.0000 / 0.0000
Actuel %	0.000	0.940	0.000	0.000
	Cobalt (Co)	Titanium (Ti)		
Mini / maxi	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000
Actuel %	0.000	0.000	0.000	0.000
Mechanical properties / Propriétés Mécaniques				
Yield strenght / Élasticité	Tensile / Rés. à la traction	Elongation / Allon. (%)	Red. of area / Surface (%)	RC
0.000 PSI	0.000 PSI	0.00	0.00	231 BHN

Note:

We certify that the above data has been verified and are conform to an original mill or supplier certificate supplied to us with the material

Nous certifions que les données ci haut on été vérifier et sont conformes d'après un certificat originale qui nous a été fourni par notre fournisseur.

Prepared by: / Préparé par:

CO. 64475 DART

P.11760

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4468995

CUSTOMER PO NUMBER: C74354-6	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 103971/14	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1237228-6	SHIP DATE: 6-JUL-2017	ALLOY: 2024	CLAD: BARE	TEMPER: T3
PRODUCT DESCRIPTION: HT Flat Sheet				
WEIGHT SHIPPED: 2316 LB	QUANTITY: 103 PCS EST.	TRUCK B/L #: 2067707	GUAGE: 0.0320 IN (0.8128 MM)	DIAMETER/WIDTH: 48.000 IN (1219.2 MM)
			LENGTH: 144.000 IN (3657.6 MM)	

MHU 2118353: LOT 223825B1: 103 pieces: *D349126*

Certified Specifications

✓ AMS 4037/RevQ
CMMP 019/RevD

✓ AMS-QQ-A-250/4/RevB
✓ CMMP 025/RevV

✓ ASTM B 209/Rev14

Test Code: 1504

Lot: 223825B1 Cast 433

Drop 59

Test Results

Ingot 1

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	68.6 : 68.9 (473 : 475)	47.3 : 47.5 (326 : 328)	17.1 : 18.7

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.23	4.8	0.53	1.4	0.01	0.11	0.02	0.01	0.01	TOT 0.05

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4468995

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- has been thermally processed in compliance with AMS 2772, where applicable.
- is mercury free, within the limits of detection of ASTM E1215 (< 1 ppm).
- is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- is free of weld repair.
- meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4473720

CUSTOMER PO NUMBER: C74502-8	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 104008/1	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1239517-8	SHIP DATE: 12-AUG-2017	ALLOY: 2024	CLAD: BARE	TEMPER: T3
PRODUCT DESCRIPTION: Kaiser Stretched				
WEIGHT SHIPPED: 3243 LB	QUANTITY: 37 PCS EST.	TRUCK B/L #: 2068408	GAUGE: 0.1250 IN (3.175 MM)	DIAMETER/WIDTH: 48.000 IN (1219.2 MM)
			LENGTH: 144.000 IN (3657.6 MM)	

MHU 2138979: LOT 23119482: 37 pieces; D466891

Certified Specifications

✓ AMS 4037/RevQ
CMMP 019/RevD

✓ AMS-QQ-A-250-A/RevB
✓ CMMP 025/RevV

✓ ASTM B 209/Rev14

Test Code: 1504

Lot: 23119482

Cast 495

Drop 20

Test Results

Ingot 2

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	66.7 : 66.7 (460 : 460)	45.5 : 46.5 (314 : 321)	18.8 : 19.1

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.20	4.7	0.58	1.3	0.01	0.09	0.02	0.01	0.01	TOT 0.05

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4473720

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
- All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
- was melted in the United States of America or a qualifying country per DFARS 225.672-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252 225 for domestic content.
- has been thermally processed in compliance with AMS 2772, where applicable.
- is mercury free, within the limits of detection of ASTM E1215 (<1ppm).
- is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
- is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
- is free of weld repair.
- meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

YONGJIN

MILL TEST REPORT

DATE: 2016-7-31
 Invoice No.: SECAB265031D5
 CERTIFICATE NO.: PPCNQC65061D5

GOODS: STAINLESS STEEL COLD ROLLED COILS 2B FINISH, AS PER AISI 304 PRIME QUALITY.
 TYPE: 304 SLITTING EDGE WITH PAPER INTERLEAVED.
 SPEC: ASTM A240/480, ASME SA240/480

MADE IN CHINA
 PRODUCING MILL: YONGJIN
 PO NUMBER: C16960

NO.	Surface	Heat No.	Coil No.	DIMENSIONS	Weight (MT)	Mechanical Properties				Static
						T.S (N/mm ²)	Y.S (N/mm ²)	Elong %	Hardness	
✓ 1	2B	160612C11	YJ116Z05996A	0.024 INCH X 48.00 INCH X COIL	9.648	671	270	58	159/161/162	P536015
✓ 2	2B	160625B01	YJ116Z05945A	0.030 INCH X 48.00 INCH X COIL	9.241	690	279	56	167/167/168	P554952
✓ 3	2B	160629D02	YJ116Z05961A	0.035 INCH X 48.00 INCH X COIL	7.010	690	280	55	167/168/169	P554953
✓ 4	2B	160629D02	YJ116Z05961C	0.035 INCH X 48.00 INCH X COIL	7.084	690	280	55	167/168/169	P554954
✓ 5	2B	160629D02	YJ116Z05961B	0.035 INCH X 48.00 INCH X COIL	6.915	690	280	55	167/168/169	P536016
TOTAL:					39.898					

CHEMICAL COMPOSITION %

NO.	C	Si	Mn	P	S	Cr	Ni	N	Mo	Ti	Cu
1	0.036	0.43	1.16	0.026	0.004	18.15	8.06	0.050	0.024	/	0.08
2	0.044	0.39	1.06	0.024	0.002	18.34	8.01	0.051	0.004	/	0.02
3	0.044	0.59	1.17	0.026	0.003	18.19	8.04	0.046	0.004	/	0.03
4	0.044	0.59	1.17	0.026	0.003	18.19	8.04	0.046	0.004	/	0.03
5	0.044	0.59	1.17	0.026	0.003	18.19	8.04	0.046	0.004	/	0.03
REMARKS	We hereby certify that the material described herein has been manufactured and tested with satisfactory results in accordance with the requirements of the material specification.										Quality Dept. <i>Peter</i>

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024735.032
DATE: DEC 09 2017

PO / BATCH NO.: 038507/5018261

MATERIAL CERT REC'D: 1/2
QUANTITY RECEIVED: 240^{mm}
QUANTITY INSPECTED: 240^{mm}
QUANTITY REJECTED: 0

THICKNESS ORDERED: .032
THICKNESS RECEIVED: .032
SHEET SIZE ORDERED: 4X12
SHEET SIZE RECEIVED: 4X12

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	QQ-A-250/4
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	Heat # 223825B1
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>ml</u>	SIGNED OFF BY: _____		
DATE: <u>DEC 09 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/4 DR AMS-QQ-A-250/4
OR ASTM B209

PART NUMBER: M2024T3S | XXX THK

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M2024T3S.063

PREFERRED SIZE: .XXX BY 4FT BY 10FT

RELEASED
R 2009-03-23
MD

B	REFORMAT DWG. ADD ASTM B209 SPEC (2N D8-1), PAR 09-020A	CP	09 07 07
A	NEW ISSUE	DS	01 09 24
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.07		

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
REV. B	SHEET 1 OF 1
DRAWING NO.	M2024T3S
TITLE	2024-T3 SHEET SPEC
SCALE	NTS
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024T35.125
 DATE: DEC 09 2017

PO / BATCH NO.: 038507/5018262

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 96^{0.125}
 QUANTITY INSPECTED: 96^{0.125}
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .125
 THICKNESS RECEIVED: .125
 SHEET SIZE ORDERED: 4x12
 SHEET SIZE RECEIVED: 4x12

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> N	<u>AMS-QQ-A-250/4</u>
CORRECT THICKNESS	<input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> N	<u>Heat # 23119462</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (If required)	
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____		
DATE: <u>DEC 09 2017</u>	DATE: <u>12/12/17</u>		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET
SPECIFICATION: QQ-A-250/4 OR AMS-QQ-A-250/4
OR AMS 4037
OR ASTM B209
PART NUMBER: M2024T3S | XXX | THK
WHERE "XXX" = SHEET THICKNESS (IN INCHES)
EG. 0.063" THICK SHEET = M2024T3S.063
PREFERRED SIZE: .XXX BY 4 FT BY 10 FT

RELEASED
R 2009-03-03
MD

B	REFORMAT DWG, ADD ASTM B209 SPEC (2N DB-1), PAR 09-020A	CP	09 07 07
A	NEW ISSUE	DS	01 09 24
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.07		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M2024T3S			
TITLE 2024-T3 SHEET SPEC			
SCALE NTS			
SHEET 1 OF 1			
REV. B			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M3045206A
 DATE: DEC 09 2017

PO / BATCH NO.: 038507/5018063

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 152^{ft}2
 QUANTITY INSPECTED: 192^{ft}2
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.40
 THICKNESS RECEIVED: 0.40
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	<u>Astm A240</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>Heat # 160629002</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>DEC 09 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:

MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

DART M-NUMBER

IDENTIFIER
1P
2D
3P
4P
6P
7P
8P

PART NUMBER:

M304S TT GA #P
[GA]

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 28 FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.08375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED

2015 FEB 04

ECN 15-122

D	ADDED GAUGES 0-7.	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN CP) AND EXAMPLE OF MATERIAL FIN WITH FINISH OTHER THAN 28 (ZN B5).	MB	12.09.20
B	REFORMAT DWG, ADD ASTM/ASME SPECS (ZN D6-1), ADD GAUGE REF (CP-1), REF PAR 06-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	15.01.06		

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	M304S
TITLE	304/316 SS SHEET
REV. D	SHEET 1 OF 1
SCALE	NTS

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-H13-R2.500
 DATE: DEC 07 2017

PO / BATCH NO.: 038507/5018264

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6"
 QUANTITY INSPECTED: 6"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.500
 THICKNESS RECEIVED: 2.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	H13
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	Heat # 8817030347
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>DEC 07 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

8 7 6 5 4 3 2 1

REV.	DESCRIPTION	DATE	BY	APPROVED
A	NEW ISSUE	17.09.20	SAC	WM

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL:

AISI H13 TOOL STEEL ROUND BAR

SPECIFICATION:

AISI H13

PART NUMBER:

MT-H13-R [D.DDD]
WHERE "D.DDD" = DIAMETER IN INCHES
EG. 5/8" ROUND BAR = MT-H13-R0.625

DART AEROSPACE Hamilton, Ontario, Canada	
TITLE: AISI H13 TOOL STEEL ROUND BAR	
DWG NO.	REV
MT-H13-R	A
DESIGN BY: SAC 2009/2017	XXS 2 .005 FRACTIONS 2 1/8
DRAWN BY: SAC 09/20/2017	XX 2 1/8 ANGLES 90°
CHECKED: VM 09/21/2017	XX 2 1/8 DIMENSIONS ARE IN INCHES
QA APPR: DE 09/21/2017	XX 2 1/8 UNLESS OTHERWISE SPECIFIED
DATE: 2009/2017	XX 2 1/8 INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	3. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED
	4. MATERIALS SHALL BE AS SUPPLIED
	5. ENTER PLATING
	SCALE: NTS WEIGHT: N/A
SHEET 1 OF 1	
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